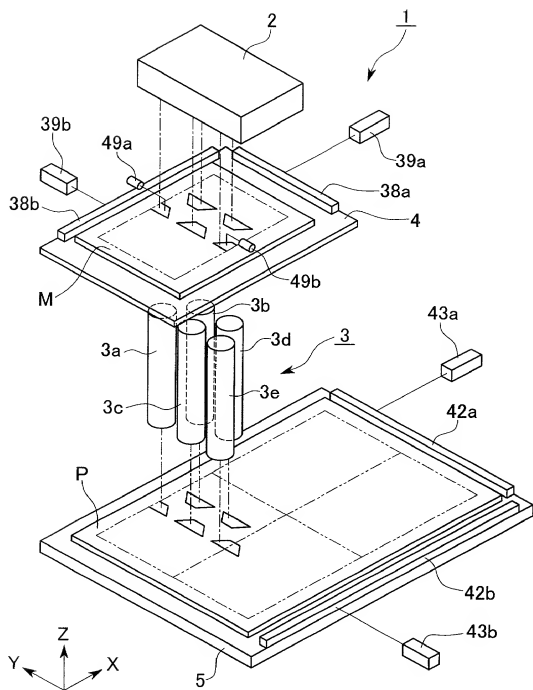FIG. 1

FIG. 2
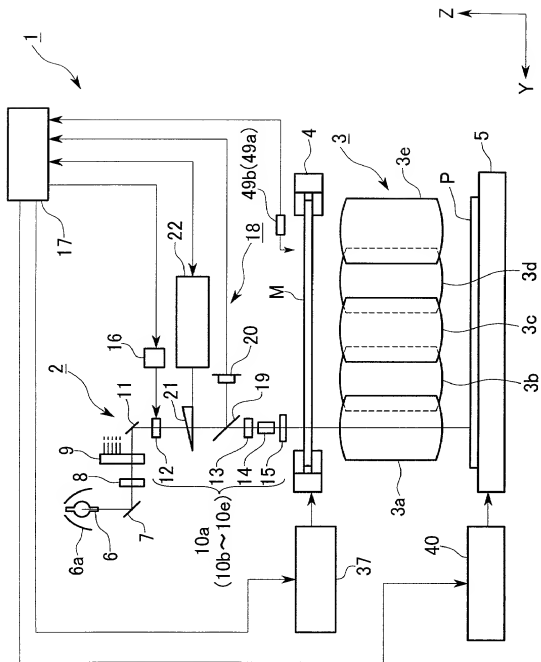
FIG. 3
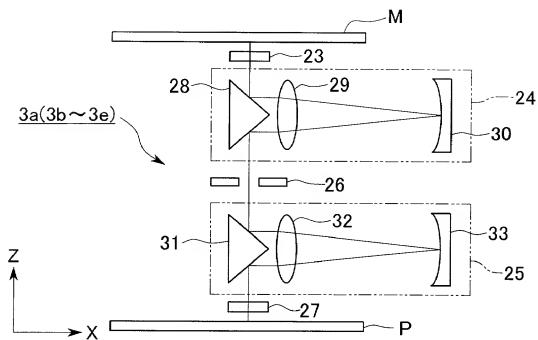

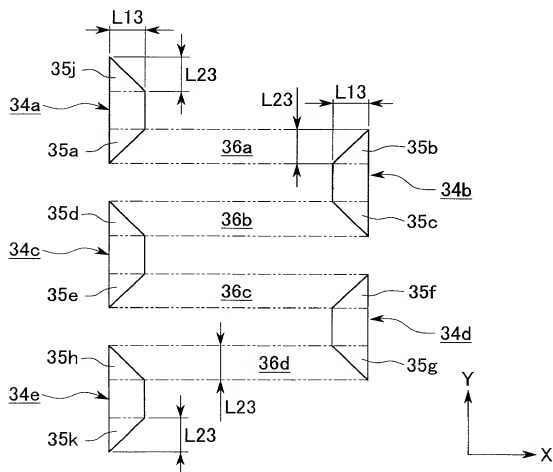FIG. 4

FIG. 5

FIG. 6A

FIG. 6B
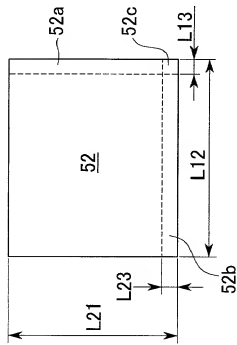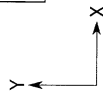
FIG. 6C

FIG. 6D

FIG. 7

FIG. 8A

FIG. 8B

FIG. 8C

FIG. 8D

FIG. 8E

FIG. 9A

FIG. 9B

FIG. 9C

FIG. 9D

FIG. 9E

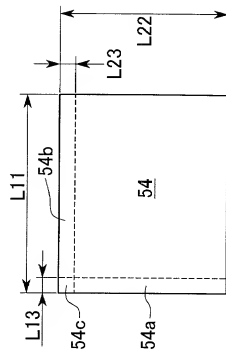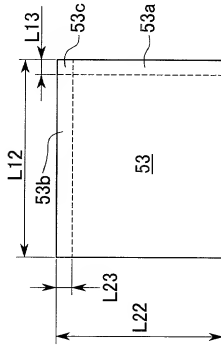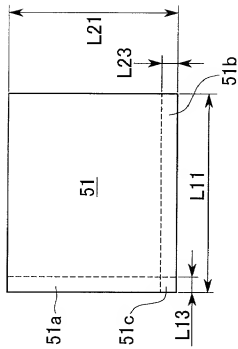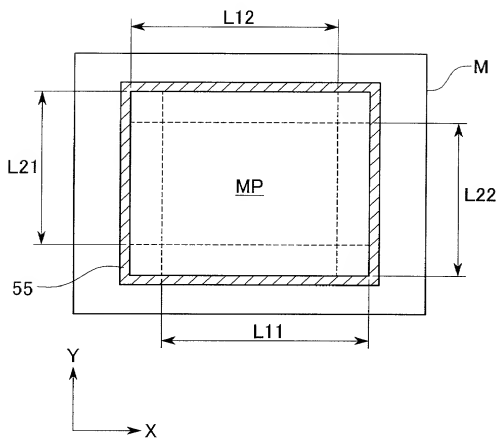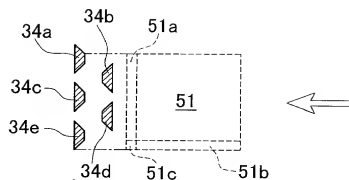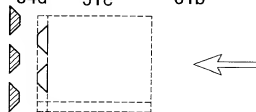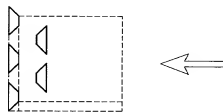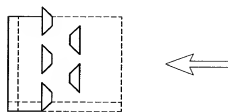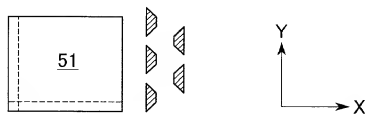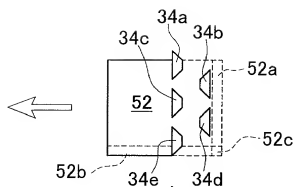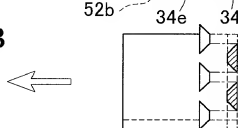FIG. 10A

OVERLAPPING PART 51c

FIG. 10B

OVERLAPPING PART 52c
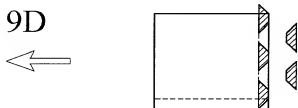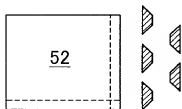
FIG. 10C
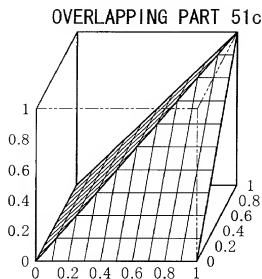
OVERLAPPING PART 53c
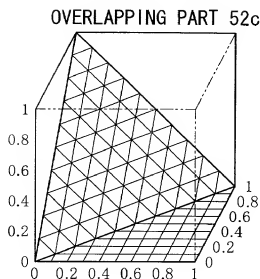
FIG. 10D

OVERLAPPING PART 54c

FIG. 11

FIG. 12A

OVERLAPPING PART 51e BY END
35a OF PROJECTION REGION

FIG. 12B

OVERLAPPING PART 51e BY END
35b OF PROJECTION REGION

FIG. 12C

OVERLAPPING PART 51f BY END
35d OF PROJECTION REGION

FIG. 12D

OVERLAPPING PART 51f BY END
35c OF PROJECTION REGION

OVERLAPPING PART 51e BY ENDS
35a+35b OF PROJECTION REGIONS
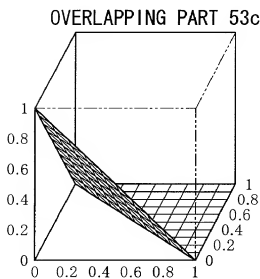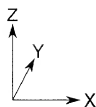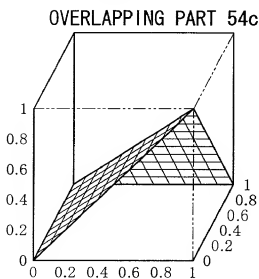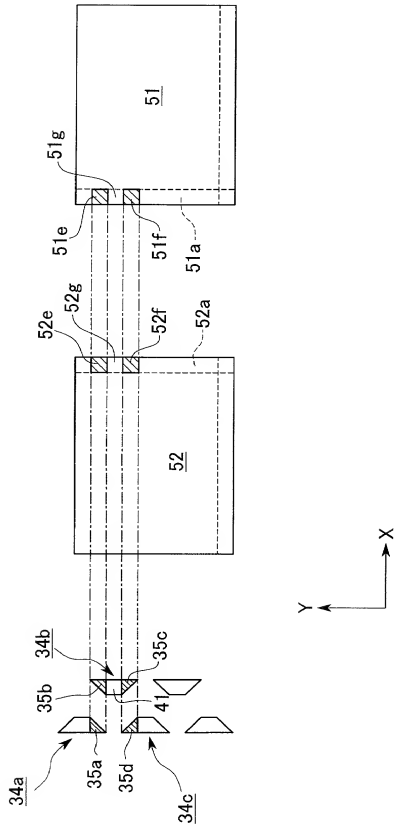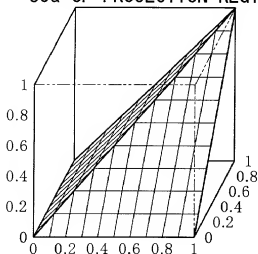OVERLAPPING PART 51f BY ENDS
35c+35d OF PROJECTION REGIONS

FIG. 13A

OVERLAPPING PART 52e BY ENDS
35a+35b OF PROJECTION REGIONS
OVERLAPPING PART 52f BY ENDS
35c+35d OF PROJECTION REGIONS

FIG. 13B

FIG. 14A

OVERLAPPING PARTS 51a, 54a

FIG. 14B

OVERLAPPING PARTS 52a, 53a

FIG. 14C

OVERLAPPING PARTS 51b, 52b

FIG. 14D

OVERLAPPING PARTS 53b, 54b

FIG. 15A

OVERLAPPING PART 52e BY END
35a OF PROJECTION REGION

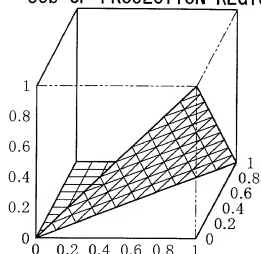# FIG. 15B

OVERLAPPING PART 52e BY END
35b OF PROJECTION REGION

FIG. 15C

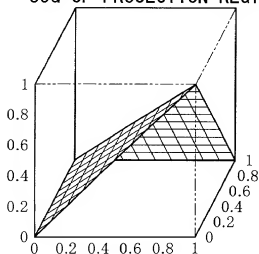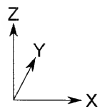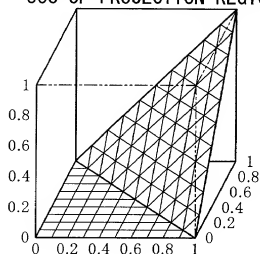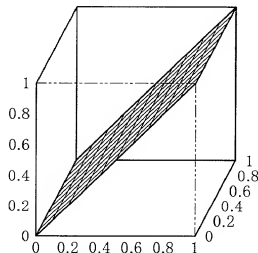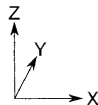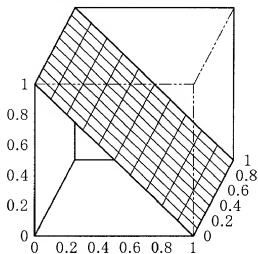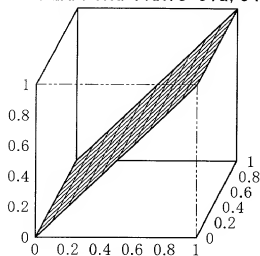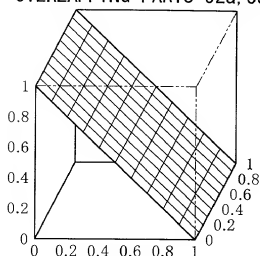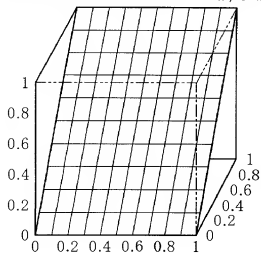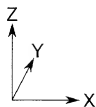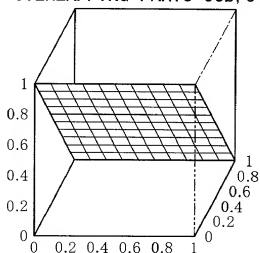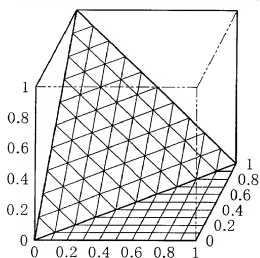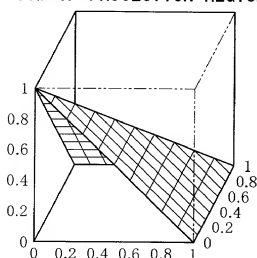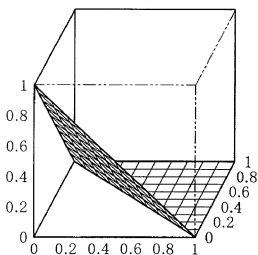OVERLAPPING PART 52f BY END
35d OF PROJECTION REGION

FIG. 15D
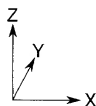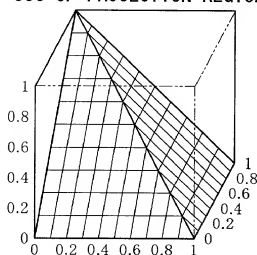
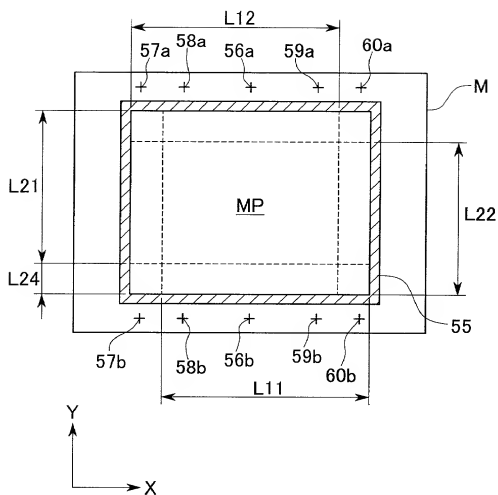OVERLAPPING PART 52f BY END
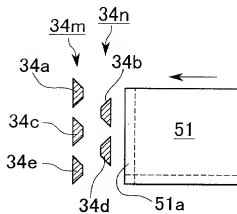35c OF PROJECTION REGION

FIG. 16

FIG. 17A

34m 34n
34a
34b
34c
34e
34d 51a

51

FIG. 17E

34m 34n

53

53a

FIG. 17b

34m 34n

51a

51

FIG. 17F

34m 34n

53

53a

FIG. 17C

34m 34n

54a

54

FIG. 17G

52

FIG. 17D

34m 34n

54

54a

Y

X
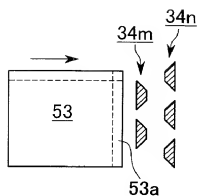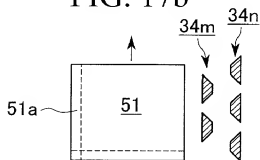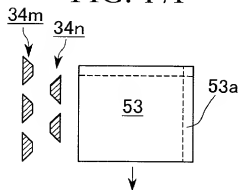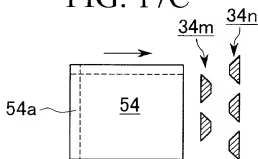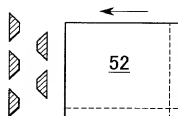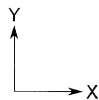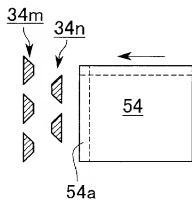
FIG. 18
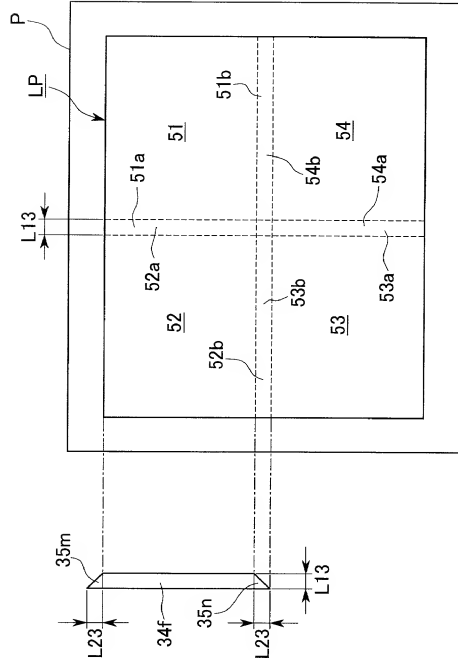
FIG. 19
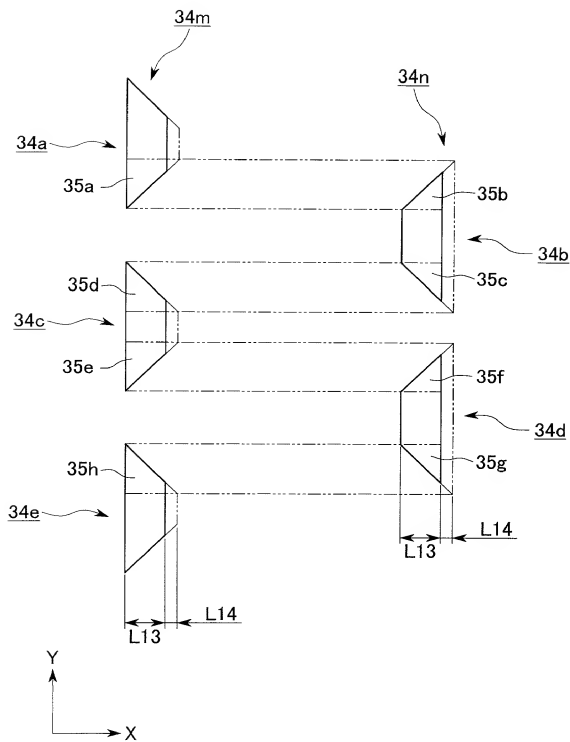
FIG. 20
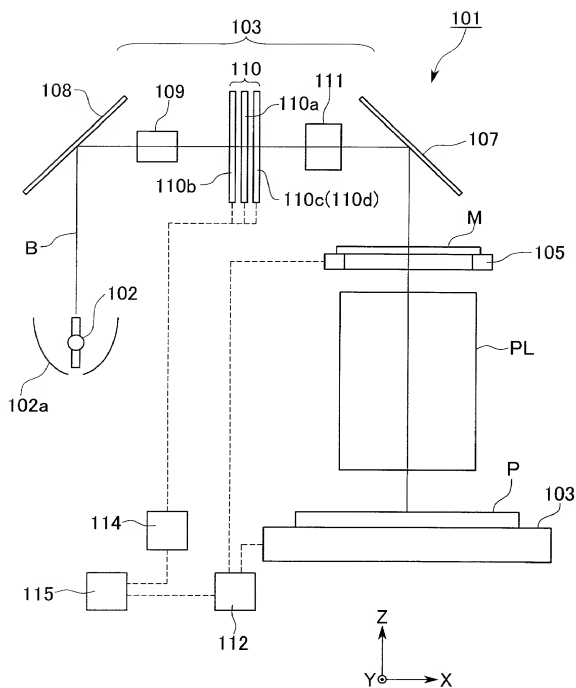
FIG. 21

FIG. 22

FIG. 23

FIG. 24

FIG. 25

M
124
MX2
123
MX1
W2
X
Y
MY1
S
W1

FIG. 26

ENERGY

W2

OPTIMAL ENERGY

POSITION (+X)

W2
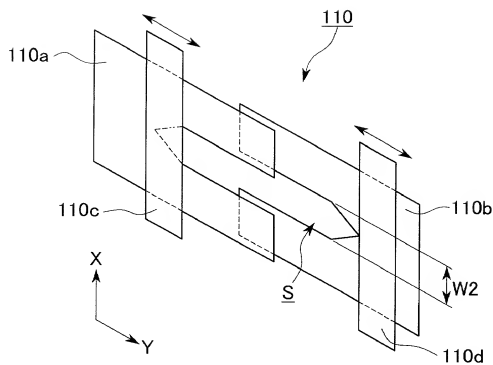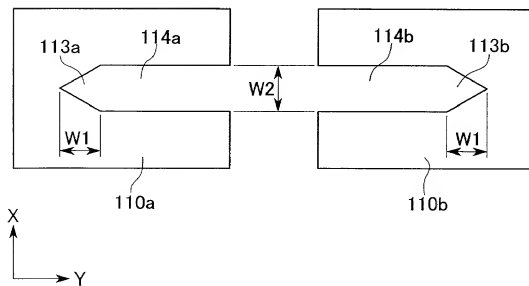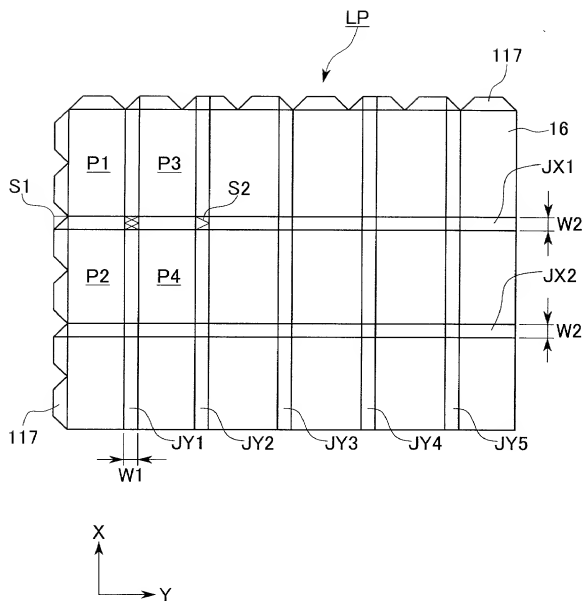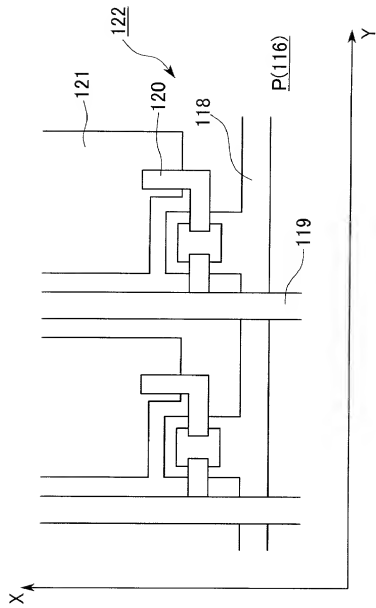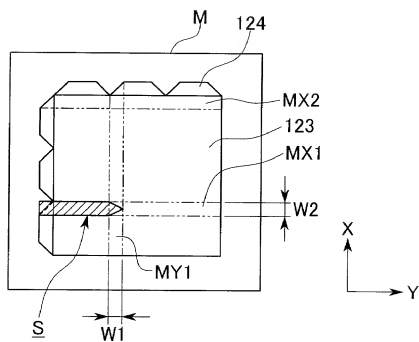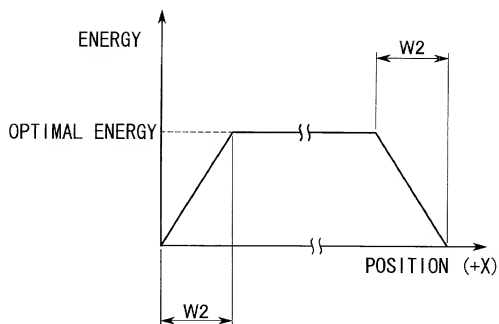
FIG. 27

FIG. 28

FIG. 29

FIG. 30

FIG. 31

M

124

123

MX1

W2

X

Y

W1

MY1

S

FIG. 32

LP

117

116

P1   P3

JX1

W2

JX2

W2

P2   P4

X

Y

W1   JY1   JY2   JY3   JY4

FIG. 33

M

124

123

X

Y

S

W1

MY1

FIG. 34

LP

117

116

JX1

P1   P3

JX2

P2   P4

JY1   JY2   JY3   JY4

FIG. 35

201
DESIGNING
(FUNCTION, PERFORMANCE, PATTERN)

203
GLASS SUBSTRATE, WAFER MANUFCACTURING

202
MASK (RETICLE) MANUFACTURING

204
GLASS SUBSTATE, WAFER PROCESSING

205
DEVICE ASSEMBLING

206
INSPECTION

(SHIPPING)